

Rabbit STAU1 Polyclonal Antibody | anti-STAU1 antibody

STAU1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323149	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

STAU1; Polyclonal Antibody; STAU1 Antibody; Double stranded RNA binding protein Staufen homolog 1; Double stranded RNA binding protein Staufen homolog; Double-stranded RNA-binding protein Staufen homolog 1; FLJ25010; MGC124588; PPP1R150; STAU; STAU1_HUMAN; staufen; Staufen RNA binding protein (Drosophila); Staufen RNA binding protein homolog 1; Staufen; Drosophila; homolog of; 1; RNA binding protein; homolog 1 (Drosophila); staufen-like; anti-STAU1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	STAU1 antibody detects endogenous levels of STAU1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	502
Applicable Applications for anti-STAU1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human STAU1.
Subcellular Location	Cytoplasm. Rough endoplasmic reticulum. Localizes exclusively with the rough reticulum endoplasmic.
Tissue Specificity	Widely expressed. Expressed in brain, pancreas, heart, skeletal muscles, liver, lung, kidney and placenta.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Similarity	Pig (100%), Bovine (92%), Horse (100%), Sheep (83%), Rabbit (83%), Dog (100%), Chicken (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohiostchemistry)
AAA323149 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts of mouse brain tissue, using STAU1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-STAU1 antibody	Function: Binds double-stranded RNA (regardless of the sequence) and tubulin. May play a role in specific positioning of mRNAs at given sites in the cell by cross-linking cytoskeletal and RNA components, and in stimulating their translation at the site. Subunit Structure: Binds tubulin. Binds with low affinity single-stranded RNA or DNA homopolymers. Interacts with CASC3 in an RNA-dependent manner (By similarity). Identified in a mRNP complex, at least composed of DHX9, DDX3X, ELAVL1, HNRNPU, IGF2BP1, ILF3, PABPC1, PCBP2, PTBP2, STAU1, STAU2, SYNCRIP and YBX1. Interacts with the influenza virus nonstructural protein NS1. Similarity: One of the DRDB could be involved in RER binding.The C-terminal contains the tubulin binding domain (TBD).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	82659091
NCBI GeneID	6780
NCBI Accession #	NP_001032405.1
NCBI GenBank Nucleotide #	NM_001037328.2
UniProt Accession #	O95793; Q5JW29; Q6GTM4; Q9H5B4; Q9H5B5; Q9Y3Q2; A8K9Z4; E1P5Y1; E1P608
Molecular Weight	Observed: 55 kDa Predicted: 64 kDa
NCBI Official Full Name	double-stranded RNA-binding protein Staufen homolog 1 isoform c
NCBI Official Synonym Full Names	staufen double-stranded RNA binding protein 1
NCBI Official Symbol	STAU1
NCBI Official Synonym Symbols	STAU; PPP1R150
NCBI Protein Information	double-stranded RNA-binding protein Staufen homolog 1
UniProt Protein Name	Double-stranded RNA-binding protein Staufen homolog 1
UniProt Gene Name	STAU1
UniProt Synonym Gene Names	STAU

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.